

Accepted manuscripts meet more criteria for research reporting

October 11 2018



(HealthDay)—Accepted manuscripts for observational studies have

better adherence to the Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) checklist compared with rejected manuscripts, according to research published in the August issue of *Obstetrics & Gynecology*.

April D. Adams, M.D., from the Medstar Washington Hospital Center in Washington, D.C., and colleagues developed a scoring system based on the STROBE [checklist](#); volunteer medical students or doctors validated it for consistency. A cross-sectional analysis of 198 observational research manuscripts submitted to *Obstetrics & Gynecology* was performed using this scoring system, and each manuscript was scored based on the STROBE checklist.

The researchers found a statistically significant difference between the mean score for accepted and rejected manuscripts (23.2 ± 2.7 versus 19.7 ± 4.1). When comparing country of origin and [study type](#), the difference was not observed. Among all manuscript categories, poor reporting was seen for objectives, study size, missing data, study participants, and translation of risk. In addition, poor reporting for eligibility criteria, variables, bias and confounding, statistical methods, unadjusted and adjusted estimates, and category boundaries was seen in rejected manuscripts.

"Overall, accepted manuscripts show better adherence to the STROBE checklist, but there are several critical items that are poorly reported in all [manuscripts](#)," the authors write.

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)

Copyright © 2018 [HealthDay](#). All rights reserved.

Citation: Accepted manuscripts meet more criteria for research reporting (2018, October 11)
retrieved 25 April 2024 from <https://medicalxpress.com/news/2018-10-manuscripts-criteria.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.